

IN THE CLAIMS

Please cancel Claims 1-31 without prejudice or disclaimer.

Please add Claims 32-38.

Claims 1-31 (canceled)

32. (New) A multifunctional gas component comprising:
a first gas component comprising an active gas component;
a second gas component comprising a passive gas component;
a connector coupling said first gas component to said second gas component such that
said first and second gas components are stacked vertically; and
wherein said multifunctional gas component unit is operable to mount on a modular
base.

33. (New) The multifunctional gas component of Claim 32, wherein said first gas
component is selected from a group consisting of: a mass flow controller; a regulator or a
purifier.

34. (New) The multifunctional gas component of Claim 33, wherein the second gas
component is selected from a group consisting of one of a pressure transducer, a sensor, an
inline moisture monitor, a gauge, or a capacitance diaphragm vacuum gauge.

35. (New) The multifunctional gas component of Claim 32, wherein the second gas
component comprises one of a pressure transducer, a sensor, an inline moisture monitor, a
gauge, or a capacitance diaphragm vacuum gauge.

36. (New) The multifunctional gas component of Claim 32, wherein the connector is
a modular connector.

37. (New) The multifunctional gas component of Claim 32, further comprising a third
gas component.

38. (New) The multifunctional gas component of Claim 37, wherein said third gas component comprises one of gas filter, a gas purifier, a moisture monitor, a gauge, capacitance diaphragm gauge, a pressure transducer or a pressure regulator.

39. (New) A multifunctional gas component comprising:
a filter;
a second gas component;
a connector coupling said first gas component to said second gas component such that
said first and second gas components are stacked vertically; and
wherein said multifunctional gas component unit is operable to mount to a modular base.

40. (New) The multifunctional gas component of Claim 36, wherein said second gas
component comprises one of a gas purifier, a moisture monitor, a gauge, capacitance
diaphragm gauge, or a pressure regulator.

41. (New) The multifunctional gas component of Claim 36, wherein said filter is
operable to mount on said modular base.

42. (New) A multifunctional gas component comprising:
a first gas component,
a second gas component;
a connector coupling said first gas component to said second gas component such that
said first and second gas components are stacked vertically;
wherein the first and second gas components are active gas components;
wherein said multifunctional gas component unit is operable to mount on a modular
base.

43. (New) The multifunctional gas component of Claim 42, wherein the first gas
component is selected from a group consisting of: a filter, a mass flow controller; a regulator or
a purifier.

44. (New) The multifunctional gas component of Claim 43, wherein the second gas
component is selected from a group consisting of: a filter, a mass flow controller; a regulator or
a purifier.

45 (New) The multifunctional gas component of Claim 42, further comprising a third
gas component coupled to said second gas component.

46. (New) The multifunctional gas component of Claim 45, wherein the third gas
component is a passive gas component.

47. (New) The multifunctional gas component of Claim 46, wherein the third gas
component is selected from a group consisting of: a pressure transducer; a pressure sensor; a
moisture monitor; a gauge; a capacitance diaphragm vacuum gauge.